Application Serial No. 10/049,144 - Filed August 13, 2002

IN THE CLAIMS

Please amend claims 1, 8, 19, 30 and 31 as indicated below.

1.   (Currently Amended) A service browser process for controlling navigation events between a plurality of services and/or channels of a digital interactive R~~r~~adio B~~b~~roadcasting system (1) including at least one digital ~~I~~interactive decoder (2), said system broadcasting applications to be received by said decoder, wherein the process proposes said services to a user of said D~~d~~ecoder and enables the navigation to other services or channels through control means (15) activated by said user, characterised in that the applications being categorised into at least two types of applications including a first type termed S~~s~~urfer application designed for controlling said navigation and having knowledge of said services, the process comprises the steps of:

    (i) identifying (21) S~~s~~urfer applications from other types of applications,

    (ii) selecting (33) a particular S~~s~~urfer application,

    (iii) downloading (27,35) such selected S~~s~~urfer application within a dedicated part (22) of the

D~~d~~ecoder memory (20), called S~~s~~urfer C~~c~~ache, and

    (iv) executing (36) said selected S~~s~~urfer application from said S~~s~~urfer C~~c~~ache, whereby the

D~~d~~ecoder is under control of said S~~s~~urfer application.

2.   (Cancelled).

3.   (Cancelled).

4.   (Cancelled).

5.   (Cancelled).

6.   (Cancelled).

7.   (Cancelled).

8.   (Currently Amended) A digital ~~I~~interactive ~~R~~radio-~~B~~broadcasting system (1) for controlling navigation events between a plurality of services and/or channels, including at least one digital interactive decoder (2), said system broadcasting applications to be received by said decoder, wherein the system proposes said services to a user of said decoder and enables the navigation to other services or channels through control means activated by said user, characterised in that the applications being categorised into at least two types of applications including a first type termed ~~S~~surfer application designed for controlling said navigation and having knowledge of said services, the decoder comprises:

> (i) identifying means (21) for identifying ~~S~~surfer applications from other types of applications,
>
> (ii) selecting means (33) for selecting a particular ~~S~~surfer application,
>
> (iii) downloading means (27,35) for downloading such selected ~~S~~surfer application within a dedicated part of the decoder memory, called ~~S~~surfer ~~C~~cache (22), and
>
> (iv) calculating means (6) for executing said selected ~~S~~surfer application from said ~~S~~surfer ~~C~~cache, whereby the decoder is under control of said ~~S~~surfer application.

9.   (Cancelled).

10.   (Cancelled).

11.   (Cancelled).

12.   (Cancelled).

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13.   (Cancelled).

14.   (Previously Presented) The process according to claim 1 wherein the decoder comprising a built-in application for presenting services, termed built-in banner, once the

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surfer application is stored within said surfer cache, for any navigation event, the process comprises:

        checking if said navigation event has to be forwarded to the built-in banner or to
               the surfer application, and

     in case the decoder is controlled by said surfer application, routing said navigation
               event to the surfer application while the built-in banner is disabled..

15.   (Previously Presented) The process according to claim 1 wherein the surfer application is stopped when an application different from a surfer application, termed normal application, is displayed, and is re-launched from its surfer cache when said normal application is finished.

16.   (Previously Presented) The process according to claim 1 wherein a plurality of surfer applications being possible, the process comprises:

        presenting an interface using a list of surfers that allows the user to select one
               particular surfer application among said list and to come back to said list
               after selection, if wanted.

17.   (Previously Presented) The process according to claim 14 wherein a plurality of surfer applications being possible, the process comprises:

        presenting an interface using a list of surfers that allows the user to select one
               particular surfer application among said list and to come back to said list
               after selection, if wanted.

18.   (Previously Presented) The process according to claim 15 wherein a plurality of surfer applications being possible, the process comprises:

        presenting an interface using a list of surfers that allows the user to select one
               particular surfer application among said list and to come back to said list
               after selection, if wanted.

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19.   (Currently Amended) The process of claim 1, wherein the service browser process is implemented in a DVB environment, the surfer applications being signaled in ~~Bb~~ouquet ~~A~~association ~~Tt~~ables (BAT).

20.   (Previously Presented) The process of claim 1 comprising the downloading of a plurality of surfer applications within corresponding surfer caches, and the selection of one of said surfer application.

21.   (Previously Presented) The process of claim 1 wherein the surfer application has a visible and a transparent mode of running.

22.   (Previously Presented) A system according to claim 8, wherein the decoder comprising a built-in application for presenting the services, termed the built-in banner, once a surfer application is stored within said surfer cache, for any navigation event, the system comprises:

    checking means for checking if said navigation event has to be forwarded to the
        built-in banner or to the surfer application;
    routing means arranged for routing said navigation event to the surfer application
        in case the decoder is controlled by said surfer application; and
    disabling means for disabling simultaneously the built-in banner.

23.   (Previously Presented) The system according to claim 8 comprising:
    stopping means for stopping the surfer application when an application different
        from a surfer application, termed normal application, is displayed; and
    re-launching means for re-launching said surfer application from the surfer cache
        when said normal application is finished.

24.   (Previously Presented) The system according to a claim 22 comprising:
    stopping means for stopping the surfer application when an application different
        from a surfer application, termed normal application, is displayed; and

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re-launching means for re-launching said surfer application from the surfer cache when said normal application is finished.

25.   (Previously Presented) The system according to claim 8 wherein a plurality of surfer applications being possible, the system comprises means for presenting an interface using a list of services that allows the user to select one particular surfer application among said list and to come back to said list after selection, if wanted.

26.   (Previously Presented) The system according to claim 22 wherein a plurality of surfer applications being possible, the system comprises means for presenting an interface using a list of services that allows the user to select one particular surfer application among said list and to come back to said list after selection, if wanted.

27.   (Previously Presented) The system according to claim 23 wherein a plurality of surfer applications being possible, the system comprises means for presenting an interface using a list of services that allows the user to select one particular surfer application among said list and to come back to said list after selection, if wanted.

28.   (Previously Presented) The system according to claim 8 wherein the memory of the decoder comprises a plurality of surfer caches for storing corresponding different surfer applications.

29.   (Previously Presented) The system according to claim 22 wherein the memory of the decoder comprises a plurality of surfer caches for storing corresponding different surfer applications.

30.   (Currently Amended) The system according to claim 8 wherein the system is implemented in a DVB environment, the surfer applications being signaled in Bbouquet Aassociation Ttables (BAT).

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31.   (Currently Amended) The system according to claim 8 wherein the system is implemented in a DVB environment, the surfer applications being signaled in Bbouquet Aassociation Ttables (BAT).